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| **Tanımlanacak Ders** | **Danışman** | **Danışman - Bölüm** | **Öğrenci** | **Proje Başlığı** | **Proje Türü** |
| **MBG 493** | Doç. Dr. Tunç Çatal | MBG EN | Gözde Karakadıoğlu | The effects of an antibiotic on psychosis induced by sleep deprivation model in rats (*Rattus norvegicus*) | Experimental |
| Şehnaz Yavaşer | Isolation and molecular characterization of a novel microalgae for industrial applications | Experimental |
| Feras Barakat | TBA |  |
| Yrd. Doç. Dr. Pınar Öz | MBG EN | Ümmügülsüm Mirzanlı | Epigenetic regulation of prepulse inhibition response in rats | Experimental  |
| Fatmanur Akpunar | Modulation of OX1R and OX2R activity on a rat model of prepulse inhibition impairment | Experimental  |
| Çağla Tufanç | Experimental  |
| Fırat Altuntaş | Cytoskeletal modulation of neural function | Experimental  |
| Şeyma Tomete  | The effect of phytohormones on depression | Experimental  |
| Büşra Çetin  | Axon initial segment structure, function, development and plasticity | Review  |
| Bilge Ünal | The effect of antibiotics on depression | Review |
| Gamzegül Çavuş | Adult neurogenesis and pyramidal neuron development in the mammalian brain | Review |
| Yrd. Doç. Dr. Shirin Tarbiat | MBG EN | Esma Nur Develi | Rol of PPAR in neurodegenerative diseases | Review |
| Nebahat Büşra Aksoy | Rol of PPAR in Obesity | Review |
| Gizem Onar | LXR regulation of brain cholestrol | Review |
| Tunahan Özyurt | Rol of PPAR and RXR in cardiovascular disease | Review |
| Merve Samur | PPAR alpha and dislipidemia | Review |
| Sümeyye Can | LXR as therapeutic targets in dyslipidemia | Review |
| Emre Yıldırım | Role of the peroxisome proliferator-activated receptors (PPAR)-α, β/δ and γ triad in regulation of reactive oxygen species signaling in brain | Review |
| Yrd. Doç. Dr. Ahmet Can Timuçin | CBE | Büşra Akbal | Natural inhibitors of BACH1/BACH2 Transcriptional Repressor | Review |
| Rana Nur Aytun |
| Yrd. Doç. Dr. Zeynep Kanlıdere | CBE | Nurdan Çam | Biomimetic Chemistry and Synthetic Biology | Review |
| İlknur Aydın |
| Yrd. Doç. Dr. Salih Gencer | MBG TR | Tarık Öztuzcu | Targeting primary cilia to attenuate tumor metastasis | Experimental |
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| **Tanımlanacak Ders** | **Danışman** | **Danışman - Bölüm** | **Öğrenci** | **Proje Başlığı** | **Proje Türü** |
| **MBI 493** | Doç. Dr. Tunç Çatal | MBG EN | Betül Zehra Karakuş | Media optimization for *Bacillus sp.:* A pilot study | Deneysel |
| Kübra Demirci | Isolation and molecular characterization of *Bacillus* sp. for amylase production | Deneysel |
| Yrd. Doç. Dr. Pınar Öz | MBG EN | Efe Cuma Yavuzsoy | Modulation of neural progenitor cell differentiation by physical environment | Deneysel |
| Nida Dereli | The effect of phytohormones on depression | Deneysel |
| Yrd. Doç. Dr. Ahmet Can Timuçin | CBE | Sinem Selvi | Computational Peptide Based Drug Design and Analysis | Derleme |

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| **Tanımlanacak Ders** | **Danışman** | **Danışman - Bölüm** | **Öğrenci** | **Proje Başlığı** | **Proje Türü** |
| **BEN 493** | Doç. Dr. Tunç Çatal | MBG EN | Rümeysa Cebecioğlu | Cytotoxic effects of a novel microalgae isolate | Experimental |
| Kübra Demirci | Reverse metabolic engineering of *Bacillus* sp. for the production of thermo-stable amylase | Experimental |
| İlknur Korkmaz | Media optimization of cellulase production by white-rot fungi | Experimental |
| Nazan Taş Öngel | Isolation and molecular identification of a novel cellulase-producer fungi | Experimental |
| Yrd. Doç. Dr. Pınar Öz | MBG EN | Nurdan Çam | Two-dimensional and three-dimensional hydrogel scaffold design for neural stem cell cultures | Review |